

PRASAR BHARATI
INDIA'S PUBLIC SERVICE BROADCASTER
DIRECTORATE GENERAL: DOORDARSHAN
DOORDARSHAN BHAVAN
COPERNICUS MARG, NEW DELHI 110 001

SPEED POST

Schedule to A/T No. 8(8)2013-14/EI(P)TV/1713

Dated : 28.04.2014

(This issues by way of Repeat Order of AT No. 1706 dt. 18.12.2014)

(SITC OF INTEGRATED PLAYOUT SYSTEM)

1. Name and address of the Contractor
M/s. Playbox Technology India Pvt. Ltd.,
R-7B, Green Park Main,
New Delhi – 110016
Tel: +91-11-43743333
Fax: +91-11-41651607
2. Name of the Purchaser
The Prasar Bharati (BCI), DG: Doordarshan
3. Contractor's tender No. & Date
Your Quotation No. PBTIN/DDK/PLY/SS0123/13-14 dated 26.08.2013 and letter dated 03.03.2014.
4. A. Sanction No./Indent No.
Indent No. ST/13/02/14 No. (26)/E-II/376 dated 13.02.2014.
B. Head of Accounts
SBG of CP&S under Supplies & Materials (Non-plan) for the year 2013-14.
5. Condition of Contract
As contained in Form DGS&D-68(R) and DGS&D 36 and instructions to tenderer's contained in form DGS&D-230 in booklet DGS&D-229 (as amended upto date) as applicable DG:DD tender terms & conditions and special conditions contained in schedule to the T.E. will be applicable.
6. Security Deposit
In terms of Clause 7 of the general conditions of the contract DGS&D (Revised) under which you have tendered, you are required to deposit Rs. 7,69,238/- (Rupees Seven Lakh Sixty Nine Thousand Two Hundred and Thirty Eight Only) within one month as Security Deposit which may be furnished in the form of **Performance bond/FDR** in favour of PBBCI DG: Doordarshan, New Delhi from **any scheduled commercial banks** in the prescribed form. It is a condition in this contract that you shall deposit the security. In case you fail to deposit the required security by the date prescribed above, you will have committed breach of contract entitling the purchaser to cancel the contract or to enforce the recovery of the amount of security deposit prescribe with or without enforcing other rights under the contract resulting from breach thereof.
7. Date of Delivery
Within 4 Months from the date of placement of this A/T i.e. 27.08.2014.
8. Terms of Delivery
FOR Destination



9. Dispatch Instructions The firm is responsible for the safe delivery of Stores at destinations, duly insured up to Destination.
10. Mode of Dispatch To be dispatched by Road/Rail/Air, freight prepaid upto destination.
11. Consignee As per annexure II
12. Packing & Marking Packing and Marking as laid down in the relevant clause 12 of the General conditions of the contract DGS&D-68 (Revised).
13. Particular Governing Supply:
a. Manufacturer's name: **As mentioned under col. Make/ Model No. of clause 16 of A/T (Description of stores ordered)**
b. Price preference to ISI with Percentage N/A
c. Method of Purchase Repeat Order basis
d. Advance Sample Not Required.
e. Specification No. DG: DD Spec. No. SD 08/2013 Dated 10.07.2013
14. Inspection
a. Inspection Authority DG: Doordarshan.
b. Inspection Officer Authorized representative of DG:DD
c. Terms of Inspection The equipment shall be subjected to inspection by Doordarshan officials at New Delhi.
15. Special Instruction:
a. Sales Tax/Service Tax VAT @ 5% & 12.5% & Service Tax @ 12.36% Extra
b. Excise Duty NIL
c. Paying Authority Dy. Director General (Engg.), Doordarshan, Central Purchase & Stores, Siri Fort, New Delhi.
d. Mode of payment:
You will submit your bills to the Dy. Director General (Engg.), Doordarshan, Central Purchase & Stores, Siri Fort, New Delhi who will process the bills for making payment.
- The suppliers should submit their claim in Cenvatable invoice issued by the manufacture/ importer/ first state dealer, supplementary invoice challan, bill of entry. Certificate issued by appraiser of customs, as the case may be, in accordance with documents mentioned in rule 9(1) of CENVAT Credit Rules, 2004 bifurcating the total amount into price, taxes like VAT/CST/ Excise Duty/ CVD/ Service Tax, as applicable.**
- e. Terms of Payment:
80% of payment of equipment shall be allowed on proof of receipt of material as recorded in Provisional Consignee receipt certificate and submission of Security Deposit as certified by DG: DD. The balance 20% cost of equipment along with 100% cost of installation, testing and commissioning and training will be payable after satisfactory Installation, Testing and Commissioning and training as certified by consignee. In case of over payment or wrong payment, if any, made to the contractor due to the wrong interpretation of the provision of the contract, or otherwise, such excess payment will be

deducted in subsequent bills of the contractor or from the bills under any other contracts of the organization or from deposits of any contracts available with this organization.

f. Transit Insurance:

The purchaser will not pay separately for transit insurance and the supplier will be responsible for arrival of the entire stores contracted for in good condition at destination. The consignee will, as soon as possible but not later than 30 days of receipt of stores, notify to the contractor for any loss/damage to the stores that may have occurred during transit.

g. Town duty, Octroi & Terminal Tax:

- (i) Government materials issued to contractor free of cost for fabrication purpose are exempted from payment of Municipal and other local taxes under article 205 of the Constitution.
- (ii) In respect of the stores which are to be supplied to Government Department compliance with acceptance of tender / rate contracts placed by the Directorate General intended for Government are exempted from payments of Octroi / Terminal / Town Duty under Municipal Act / Bye/Laws formed there under.
- (iii) Octroi exemption certificate where necessary, will be issued to contractors by the consignee of the stores concerned on application for presentation to the Municipal Authorities.
- (iv) In either case, should any Municipality insist on payment of such taxes or duty, the same should be paid by the contractor to avoid delay in the supplies and possible demurrage charge. The receipt obtained for such payment should be forwarded to purchase officer concerned without delay together with a copy of relevant act or bye-laws/notifications of the municipality or the local body concerned to enable him to take the matter with municipality for refund if admissible under the said acts or rule of the municipality concerned.

h. Guarantee/ Warranty:

The following guarantee/ warranty shall form part of this contract: -

The contractor/seller hereby declares that the good, stores/articles sold/supplied to the purchaser under this contract shall be of the best quality and workmanship and new in all respect and shall be strictly in accordance with the specification and particulars contained/mentioned in contract. The contractor / seller hereby guarantees that the said goods/stores/articles would continue to conform to the description and quality aforesaid for a period of 24 months from the date of commissioning of the said goods/stores/ articles to the purchaser notwithstanding the fact that the purchaser (Inspector) may have inspected and/or approved the said goods/stores/articles if during the aforesaid period of 24 months the said goods/stores/articles be discovered not to conform to the description and quality aforesaid or not giving satisfactory performance or have deteriorated and the decision of the purchaser in that behalf shall be final and binding on the Contractor /Seller and the purchaser shall be entitled to call upon the contractor/seller to rectify the goods/stores/articles or such portion thereof as is found to be defective by the purchaser within a reasonable period, or such specified period as may be allowed by the purchaser in his discretion on an application made thereof by the contractor/ Seller, and in such an event, the above mentioned guarantee/ warranty period shall apply to the goods/stores/articles rectified from the date of rectification thereof, otherwise the contractor/seller shall pay to the purchaser such compensation as may arise by reasons of the breach of the warranty herein contained.

- (i) Guarantee that they will supply spare parts, if and when required on agreed price. The agreed basis could be including but without any limitation and agreed discount on the published catalogue or an agreed percentage of profit on the landed cost.
- (ii) Guarantee to the effect that before going out of production for the spare parts they will give adequate advance notice to the purchaser of the equipment so that the latter may undertake the balance of the lifetime requirements.



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- (iii) Guarantee to the effect that they will make available the blueprints of the drawings of the spare s if any when required in connection with the main equipment.
- (iv) It is a condition of the contract that the contractor shall be responsible for free after-sales-
service for minimum period of 24 months from the date of acceptance of the equipment by
the consignee.
- (v) The guarantee should cover all hardware, software and modules of the complete system.
- i. Correctness and completeness of stores: The stores will be completed in every respect with mountings fittings, fixtures and standard accessories which are normally supplied even though not specifically mentioned in the specifications. The contractor shall not be eligible for payment in respect of such mountings fittings, fixtures and standard accessories, which are needed for safe operation of the equipment. The contractor shall be responsible for the completeness of the equipment and for efficient working of the same at site.
- j. The period for making risk purchase shall be nine months instead of six months as provided in sub para clause 14 (7)(iii) of the General Conditions for the contract DGS&D-68(R).
- k. Tolerance: The purchaser reserves the right to place an additional order to the extent of 25% of the ordered quantity on the same price, terms and conditions during the currency of the contract.
- l. Failure and termination: Liquidated damages to the extent of 1/2% (half percent) of the contract price of the whole unit per week for such delay or part thereof subject to maximum of 10% of the contract price of the whole unit will be deducted from the contract in the event of failure of SITC within the contractual delivery period. The termination of the contract shall be dealt as per terms & conditions of tender document.
- m. Please return acknowledgement of contract duly signed immediately.
- n. This issue with the concurrence of FAS vide diary no. E-01 dated 01.04.2014, DG:DD vide diary no. 1135 dated 27.03.2014

16. Description of Stores Ordered:

Sr. No.	Description	Make	Model No.	Qty.	Unit Price (Rs.)	Total Price (Rs.)
1	SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF INTEGRATED PLAYOUT SYSTEM AS PER ANNEXURE – I ATTACHED					
	TOTAL PRICE					Rs. 1,53,84,750/-

(Total value of the A/T is Rupees One Crore Fifty Three Lakhs Eighty Four Thousand Seven hundred Fifty only including VAT @ 5%, 12.5% & Service Tax @ 12.36%)

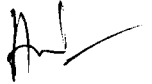
(A.K. Ahuja)
Dy. Director (Engg.)
For DG: Doordarshan

Copy to:

1. The Addl. Director General (NZ), (Kind attn: Sh. Sunil, DDG-E), Air & TV, Jamnagar House, Shahjahan Road, New Delhi - 110011.
2. The Addl. Director General-[E] (NZ), (Kind attn: Sh. Rakesh kumar, DDG-E), Air & TV, Jamnagar House, Shahjahan Road, New Delhi - 110011.

3. The Addl. Director General-[E] (NZ) {Kind Attention Sh. Shekar Prasad, DDG(E)}, AIR & TV, Jamnagar House, Shahjahan Road, New Delhi - 110011 (Fax No: 23381670).
4. The Addl. Director General-[E] (SZ), AIR&TV, Swamy Sivananda Salai, Chennai – 600 005.
5. The Addl. Director General-[E] (SZ), {Kind Attention: Store Section} AIR&TV, Swamy Sivananda Salai, Chennai – 600 005.
6. The Addl. Director General-[E] (SZ)(kind attn: Shri K. Thanulingam DDG(E)- Project TV), AIR&TV, Swamy Sivananda Salai, Chennai – 600 005
7. The Addl. Director General (Budget & Accounts), Prasar Bharati (BCI), PTI-Building New Delhi.
8. PS to DG
9. PS to E-in-C
10. ADG (A&F)
11. ADG (NAK)/(RKN)/(SR)
12. DDG-E (MKG)/(AKS)/(SK)/(RKV)/(PV)
13. DE (DCS) DDE (AKA)/(BSC)
14. Office of Addl. Director General-[E] (NZ), AIR&TV, D-6 Godown, 6 Probyn Road, Timarpur, Delhi – 110054.
15. The Dy. Director General (E) DDK, Trivandrum, CPC Delhi.
16. The Sales Tax Commissioner, Govt. of India, New Delhi.
17. The Income Tax Commissioner, New Delhi.
18. The Ledger Clerk.
19. Hindi section for Hindi Version.

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(A.S. Dhiman)
Assistant Engineer
FOR DG: Doordarshan

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Annexure-I

Sr. No.	Description	Make	Model No.	Qty.	Unit Price in Rs.	Total Price in Rs.
1	Integrated Playout System in 1+1 configuration comprising of:					
(a).1	Channel in a Box Server - Each Server Includes following items:	PlayBox	CHB#2	2 Sets	722700	1445400
(a).1.1	Software: - 1x Playbox AirBox - 1 x PlayBox AirBox Pro Option - 1 x PlayBox TitleBox - 1 x PlayBox ListBox - 1 x PlayBox CaptureBox	PlayBox	Channel In a Box	1 No		
(a).1.2	Broadcast Audio Video I/O for Output Video In/Out: Serial Digital SD/HD SDI; Analog Component YUV, Composite; Audio In/Out: Embedded Audio, 2x Unbalanced AES/EBU; 2x Analog XLR Stereo Sync Input: Blackburst in SD/Tri-Sync in HD	BlackMagic Design	Decklink 4K	1 No		
(a).1.3	Broadcast Audio Video I/O for Input: Video In/Out: 2 x 10 bit SD/HD independently switchable. Audio In/Out: 8 Channels per input, embedded in SD and HD. Sync Input: Blackburst in SD, or Tri-Sync in HD format.	BlackMagic Design	Decklink Duo	1 No		
(a).1.4	HARDWARE DESCRIPTION OF EACH PLAYBOX SERVER:	PlayBox		1 No		
i.	SuperMicro 3RU Chassis with Rail Kit	Supermicro	835TQ- R800B	1 No		
ii.	Dual Xeon MotherBoard	SuperMicro	X9DAi	1 No		
iii.	Intel Xeon Processor	INTEL	E5-2609	2 Nos		
iv.	Heat Sink for Above Processor	INTEL		2 Nos		
v.	HDD-1TB SATA Enterprise Edition-6 Gbps- System Drive Configured with RAID 1	SEAGATE	1TB	2 Nos		
vi.	HDD-2TB SATA Enterprise Edition-6 Gbps- Video Drive Configured with RAID 5	SEAGATE	2TB	4 Nos		
vii.	DVD Writer	SONY		1 No		
viii.	WINDOWS 7 Professional - 64 bit	Microsoft	Windows 7 Pro	1 No		
ix.	RADEON HD 6450 -1GB DDR 3 Graphic Card.	ATI	RADEON HD 6450	1 No		

Sr. No.	Description	Make	Model No.	Qty.	Unit Price in Rs.	Total Price in Rs.
x.	MEMORY	Transcend	2GB DDR3 ECC.	6 Nos		
xi.	Creative Sound Card 5.1	Creative		1 No		
xii.	8 PORT RAID CONTROLLER CARD	Areca	1223-8i	1 No		
	Multi Serial Port Card - RS 422/ 232	Moxa		1 No		
(a).2	SOFTWARE MODULES					
(a).2.1	ListBox Software is an offline Programme schedule creation and play list editor. The perfect tool for schedule creation and editing with clip trimmer for simple programme editing.- ListBox is an offline schedule editor, providing sophisticated editing facilities such as text searching, clips copying/pasting, schedule printing, etc.- It is the main tool for the Program Editors, enabling them to create and edit schedules many days and weeks in advance.- No special server or hardware is required. ListBox runs flawlessly even on a notebook, even with software-based trimming and previewing.	PlayBox	ListBox	1 No	41000	41000
(a).2.2	PlayBox MAM Software Only - All-in-one content management. The universal metadata description tool. From archives to run-time copy, from types and categories to genres, from credits to links, DataBox maintains total content order through sophisticated set of searching and classification parameters. DataBox is a highly integrated SQL-based database for media & content management, allowing instant access to more than 20,000 records simultaneously. Content is classified by many aspects such as type, category, genres, keywords, credits, media, etc.	PlayBox	DataBox	1 No	86000	86000
(a).2.3	Changeover Switch for Playout- Software AirBox Backup Option Redundant playback channel, slaved to the main one. Combined with the PRO option provides automated switch-over in case of a failure. Listens to the master playout status, repeating all playlist changes, always ready to take over. Either runs in parallel, or stays idle until required.	PlayBox	AB- BACK UP	1 No	98000	98000

Sr. No.	Description	Make	Model No.	Qty.	Unit Price in Rs.	Total Price in Rs.
(a).2.4	Quality Control Box Software Only Quality control analysis and assessment of the quality of the media. Support of multiple quality tests such as: *Correct duration * Continuity (no missing or overlapped frames) * Frozen and black frames * Loudness metering (ITU-R BS.1770, ATSC A/85, EBU R128	PlayBox	QCB	1 No	102000	102000
(b)	Ingest, Playlist and Administration Workstation Terminals:	DELL	OptiPlex™ 3010DT	4 Sets	53200	212800
	Each Workstation Terminal Consist of following:					
i.	Intel Core i5 3470, 3.6 Ghz, 6MB Cache			1 No		
ii.	Intel HD Graphics 2500			1 No		
iii.	2GB RAM DDR 3			2 Nos		
iv.	500GB 7200 RPM 3.5" 512e/4k SATA Hard Drive			1 No		
v.	WIN 7 Pro 64 Bit			1 No		
vi.	DVD RW 16X			1 No		
vii.	DELL™ USB Scroll Mouse – Blk			1 No		
viii.	DELL™ USB Keyboard – Blk			1 No		
ix.	S2240M 21.5" Monitor with LED			1 No		
x.	Integrated 10/100/1000			1 No		
xi.	Licensed Internet Security Software for 1 Year			1 No		
(c).1	Network Switch	CISCO	SRW 2024	1 No	18000	18000
(c).2	Storage Drives - HDD-1TB SATA Enterprise Edition-6 Gbps	Seagate	1TB	1 No	10800	10800
(c).3	Storage Drives - HDD-2TB SATA Enterprise Edition-6 Gbps	Seagate	2TB	1 No	16500	16500
(c).4	8 Port Raid Controller Card	Areca	1223-8i	1 No	65000	65000
(d)	STORAGE WITH SPECIFIED CAPACITY INCLUDING REQUIRED MANAGEMENT SOFTWARE & NECESSARY HOUSING	Included in item sr. no.(a).1.4 above.				
(f)	Black and White Laser Jet Network Printer	HP	HP Pro 400 M401dn	1 No	32000	32000
4	CDAC MAKE HINDI AND URDU FONTS					
4.(a)	ISM V6 Publisher (Multiscript)	CDAC	ISM PUBLISHER V6	2 Nos	8800	17600
4.(b)	Tahreer	CDAC	Tahreer	2 Nos	6800	13600
Total for 1 Set						2158700
Total for 2 Sets						4317400
VAT @ 5%						215870
Total including VAT @ 5% for 2 Sets ---- (A)						45,33,270.00
(e).1	16x16 3G/ HD/SD Re-clocking SDI routing System. 2RU frame. Supports and Re-clocks SMPTE 259M, 344 M, 424M DVB-ASI and SDTI signals. Includes NK PK1 external power adapter	ROSS	NK -3G16	1 No	192000	192000

Sr. No.	Description	Make	Model No.	Qty.	Unit Price in Rs.	Total Price in Rs.
(e).2	Y Cable- Power 2 NK Series	ROSS	NK- DRY	1 No	3200	3200
(e).3	NK Power Adapter (42W) - Spare/ Redundant	ROSS	NK-P1	1 No	8600	8600
(e).4	Kameleon M Series 40 Button and LCD Display Control Panel- 40 Luminated Button Panel with Backlight - Ultra Flexible Configuration, each button is fully programmable- 16x2 Character Backlit LCD Display, 1 RU	ROSS	RCP- NKM	2 Nos	75200	150400
(e).5	NK Network IP Configuration Device	ROSS	NK-IPS	1 No	75200	75200
2	MULTI-VIEWER					
2.1	Accepts 16 Auto detect (SD- SDI/ PAL/ NTSC) Video inputs. 16 Channels of embedded audio per video. 40 GPI for tally/ presets. RS232 for 3rd party interface. 30 internal presets. Supports AXPAPI. Built in CATx extenders. Outputs upto 1600x 1200/ 1920x 1200/ 2048x 1080 @ 50/ 60 GHZ	Apantac	LE- 16 SD	1 No	743000	743000
2.2	HDMI Receiver over CAT 5e/6 up to 115 feet (35 meters) at 1 1920x1080p. Built-in EQ for image quality adjustment. HDMI 1.3 compliant	Apantac	HDMI-1-R	2 Nos	8600	17200
3	SYNC PULSE GENERATOR					
3.(a)	Master Sync/Master Clock reference Generator Base unit- loop through Genlock, 3 Analog Black Burst or HDTV Tri-level sync outputs 4 LTC out or 3 LTC in and 1 LTC out, Word Clock output, GPI, WEB UI Support, SNMP Error reporting	Tektronix	SPG 8000	1 No	681000	681000
3.(b)	Add GPS Master Clock Synchronization Capability plus NTP Server support	Tektronix	SPG 8000GPS	1 No		
3.(c)	Standard Warranty extended upto 3 years	Tektronix	SPG 8000 R3	1 No		
3.(d)	GPS Antenna and RJ 59 Cable	Trimble	Bullet™ III	1 No	13650	13650
5	Peripherals like ADC, Embedder, De-embedder, Frame Synchronizer, DVDA,AVDA,ADA etc. with redundant Power supply 19"rack frame					
5.(a)	Analog Composite to SDI Decoder with Frame Synchronizer, 4 Channel Audio Embedding and R2C-8732, High Quality Program Decoder, 3D and 3/5-Line Adaptive Decoding, 12-bit A/D, Handles difficult feeds, 1 Line Timing Adjustment, Proc Amp Controls, Full Frame Sync, Dashboard & heads-up card edge control and Rear Module R2C-8732, 1 NTSC/PAL/PAL-M/PAL-N Input, 1 Reference Input, 4 channels of analog audio input, 1 TTL tracking and 3 to 4 SDI Outputs	ROSS	ADC-8732B-C-R2	1 No	178000	178000

Sr. No.	Description	Make	Model No.	Qty.	Unit Price in Rs.	Total Price in Rs.
5.(b)	MD-SDI Equalizing Amplifier (143 to 1485 Mb/s) with split 10-BNC R2S-8203 Rear Module. Multi-Def SDI Equalizing Amplifier with Automatic Cable EQ, includes R2S-8203 Rear Module. Accommodates all SDI data rates from 143Mb/s to 1.485Gb/s, low jitter output. R2S-8203 occupies 2 Slots in an openGear frame, supports two independent SRA-8203A 1x4 DA's . 1 In/4 Out. Installs in openGear frames.	ROSS	SEA-8203A-R2S	3 Nos	27100	81300
5.(c)	Analog Video Equalizing Amplifier, Clamping and Differential Input with Rear Module, R2-8707, 1 Input/8 Out	ROSS	VEA-8707A-R2	2 Nos	26800	53600
5.(d)	MD-SDI Frame Synchronizer with Rear Module, Full Frame Synchronizer for SD and HD SDI video signals, includes R2-8221 Rear Module. Occupies 2 Slots in an openGear frame, SDI Input with Reclocked Copy, 2 Synchronized Outputs, 1 Analog Monitoring O/P.	ROSS	SFS-8221-R2	2 Nos	206000	412000
5.(e)	HD/SD 4 Channel Analog Audio Demultiplexer with rear I/O - Demultiplexes 4 Analog audio channels from a HD/SD SDI Video Stream, Full with audio proc, sum, swap, invert, shuffle, gain, delay, 1 HD/SD SDI Input, 4 analog out, 1,, Embedded processed Output. Occupies 2 Slots in an openGear frame, Includes R24C-8259 Rear Module.	ROSS	DMX-8259-4C-R2C	2 Nos	171000	342000
5.(f)	OpenGear Frame, Power Supply, Cooling Fans, TCP/IP Networking (no I/O Modules) Frame for openGear Cards.	ROSS	OG3-FR-C	2 Nos	80000	160000
5.(g)	Redundant Power Supply for DFR-8321 Frames.	ROSS	PS-OG3	2 Nos	37000	74000
6	LED Monitors for Monitoring					
6.(a)	55" LED Monitor for Monitoring	SONY	KDL 55W800	1 No	132000	132000
6.(b)	24" LED Monitor for Monitoring	PHILIPS	24PFL5957	1 No	17500	17500
6.(c)	Two way active audio speakers having at least 20 Watt of Power & XLR balanced input.	M-Audio	BX- 5D2	2 Pairs	17000	34000
7	2x1 Automatic Changeover Switch					
7.1	Flexible and Economical Solution for Switching between 2 or 4 MD-SDI signals, with 10-BNC Rear Module, Accepts common serial digital signals at 143, 270, 360, 540 and 1485 Mb/s , Controllable from card edge, GPI, or by optional RCM-8120 control panel , Occupies 2 Slots in an openGear frame , Includes R2-8224 Rear Module. Installs in OpenGear frames.	ROSS	DSS-8224-R2	1 No	96000	96000
8	LTC enabled Digital clock (12" Wall Mounting)					
8.1	LTC enabled Digital clock (12" Wall Mounting)	Harris	DTDA19B2	1 No	204175	204175

Sr. No.	Description	Make	Model No.	Qty.	Unit Price in Rs.	Total Price in Rs.
9	BELOW MENTION BOM for Each Location:				532000	532000
a	Power Cable Roll	STANDARD		1 No		
b	Ethernet Cable CAT 6- 305 M Roll	BELDEN		2 Nos		
c	Video Cable 305M Roll Red	BELDEN	1505 and 1694	2 Nos		
d	Rack Wire Video Cable- 305 meter Roll	BELDEN	1855	1 No		
e	Audio Cable - 305 meter Roll	BELDEN	8451	1 No		
f	KVM Switch - 16 port	Aten		1 No		
g	KVM Extender	Aten		2 Nos		
h	Patch panels	TE		2 Nos		
i	Patch Cords	TE		6 Nos		
j	BNC Connectors with boot	Neutrik		1 Lot		
k	XLR Connectors (Male and Female)	Neutrik		1 Lot		
l	42 RU Rack	President	42 RU	1 No		
m	MDU - Rack Power Supply	PRUDENT	MDU	2 Nos		
n	MDU Power Connectors	ELCON	3 Pin	30 Nos		
o	RJ 45 Connectors with Boot	Dlink		1 Lot		
p	1u Rack Mountable 17" LCD Console with Keyboard & Touchpad	Aten		1 No		
q	Miscellaneous - VGA/ DVI/ HDMI Cables, Pheruls, Tags, Ties etc.	Standard		1 Lot		
10	Technical Furniture					
	Technical Furniture; Sturdy, modular and ergonomically designed Technical furniture for a. Ingest and Playout Desk - 2 Nos ; b. Ingest, Playout & Administrative Workstations Desks - 4 Nos. ; Chairs - 8 Nos. Any other Necessary furniture required for Installation & Commissioning	Standard	Standard	1 Lot	265000	265000
Total for 1 Set						4465825
Total for 2 Sets						8931650
VAT @ 12.5%						1116456
Total including VAT @ 12.5% for 2 Sets ---- (B)						1,00,48,106.00
11	Installation, Testing and Commissioning works	PlayBox		1 Job	167500	167500
12	Training and Onsite Support	PlayBox		1 Job	190000	190000
13	Operational and Maintenance Manual (Hard and Soft Copy)			1 Set	Incuded	
Total for 1 Set						3,57,500.00
Total for 2 Sets						7,15,000.00
Service Tax @ 12.36%						88,374.00
Total including Service Tax @ 12.36% for 2 Sets ---- (C)						8,03,374.00
Grand Total for 2 Sets including VAT @ 5% & 12.5% and Service Tax @ 12.36% - (A+B+C)						1,53,84,750

List of Consignee

Zone	Consignee	Qty.
Addl. Director General[E] (SZ), AIR&TV, Swamy Sivananda Salai, Chennai – 600 005	Dy. Director General(E), Doordarshan Kendra, Trivandrum	1 No.
Addl. Director General[E] (NZ), AIR &TV, Jamnagar House, Shahajahan Road, New Delhi - 110011	Dy. Director General(E), Doordarshan Kendra, CPC Delhi	1 No.


(A.S. Dhiman)
Assistant Engineer
For DG: Doordarshan

PRASAR BHARATI
INDIA'S PUBLIC SERVICE BROADCASTER
DIRECTORATE GENERAL: DOORDARSHAN
DOORDARSHAN BHAVAN
COPERNICUS MARG, NEW DELHI 110 001

No. 8(8)2013-14EI(P)TV/1713


Dated: 28.04.2014

Subject: **SITC OF INTEGRATED PLAYOUT SYSTEM.**

Sanction of DG: DOORDARSHAN, PRASAR BHARATI (BCI), DOORDARSHAN, NEW DELHI is hereby conveyed for incurring of an expenditure not exceeding Rs. 1,53,84,750/- (One Crore Fifty Three Lakhs Eighty Four Thousand Seven hundred Fifty only including VAT @ 5%, 12.5% & Service Tax @ 12.36%) exclusive of incidentals for the purchase of the items mentioned in the annexure-I of A/T from M/s Playbox Technology India Pvt. Ltd., New Delhi.

The expenditure involved shall be met from within the sanction Budget Grant of the Central Purchase and Stores, Delhi for the year 2014-15 and subsequent year and is debitable to the Head Supplies and Materials.

This issue with the concurrence of FAS vide diary no. E-01 dated 01.04.2014, DG:DD vide diary no. 1135, dated 27.03.2014.


(A.S. Dhiman)
Assistant Engineer
For DG: Doordarshan

The Dy. Director General (Engg.),
Central Purchase and Stores,
Doordarshan,
New Delhi.

Copy to:-

1. Pay & Accounts Officer, Doordarshan, Soochna Bhawan, New Delhi.
2. Resident Audit Party, AIR & TV, New Delhi.
3. PS to DDG(F)
4. DE(HQ)/DDE(HQ)/ADE(HQ)
5. Spare copies _____ 10


For DG: Doordarshan